

LIPA Monoclonal Antibody (9G7F12,7G6D7)

Catalog NumberMA5-15278

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG2a	Published species	Human
Class	Monoclonal	Tested Applications	Dilution *
Type	Antibody	ELISA (ELISA)	1:10,000
Clone	9G7F12,7G6D7	Western Blot (WB)	1:500-1:2,000
Immunogen	Purified recombinant fragment of LAL expressed in E. Coli.	Published Applications	
Conjugate	Unconjugated	Western Blot (WB)	See 1 publications below
Form	Liquid	<div>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</div>	
Concentration	1.0 mg/mL		
Purification	Protein G		
Storage buffer	PBS		
Contains	0.03% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

MA5-15278 targets LAL in indirect ELISA, WB applications and shows reactivity with Human samples. The MA5-15278 immunogen is purified recombinant fragment of LAL expressed in E. Coli.

Background/Target Information

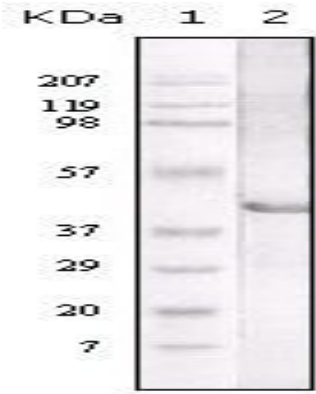
This gene encodes lipase A, the lysosomal acid lipase (also known as cholesterol ester hydrolase). This enzyme functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides. Mutations in this gene can result in Wolman disease and cholesteryl ester storage disease. Alternatively spliced transcript variants encoding the same protein have been found for this gene.

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LIPA Antibody (MA5-15278) in WB
Western blot analysis of LAL using a LAL monoclonal antibody (Product # MA5-15278) against a LAL recombinant protein.

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PubMed References For LIPA Monoclonal Antibody (9G7F12,7G6D7)

1 Western Blot References

Species / Dilution	Summary
Human / Not Cited	<p>MA5-15278 was used in Western Blotting to demonstrate that Wolman disease (WD) neural stem cells (NSCs) are valid cell-based disease models with characteristic disease phenotypes that can be used to evaluate drug efficacy and screen compounds.</p> <p>Orphanet journal of rare diseases (2017; 12:) "Neural stem cells for disease modeling of Wolman disease and evaluation of therapeutics." Author(s):Aguisanda F,Yeh CD,Chen CZ,Li R,Beers J,Zou J,Thorne N,Zheng W PubMed Article URL:http://dx.doi.org/10.1186/s13023-017-0670-9</p>

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